

**PROJECT DESCRIPTION**

GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION TO THE EXISTING INTERSECTION CONTROL BEACON AT THE INTERSECTION OF U.S. 301 AND MD 456 IN QUEEN ANNES COUNTY, MARYLAND. US 301 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A FLASHING MODE WITH INDICATIONS FOR U.S. 301 FLASHING YELLOW.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND TWO-CIRCUIT FLASHER UNIT WILL BE USED.

**EQUIPMENT LIST "B"**

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

CATEGORY CODE NO.	QUANTITY	DESCRIPTION
120500	1 EACH	MAINTENANCE OF TRAFFIC
120610	2 U.D.	ARROW PANEL
120620	300 SF	TEMPORARY TRAFFIC SIGNS
130850	LUMP SUM	MOBILIZATION
861106	400 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 A.W.G.)
861116	365 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 A.W.G.)
869102	220 L.F.	FURNISH AND INSTALL 3/8 IN. DIAMETER STEEL SPAN WIRE
800000	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT

**MAINTENANCE OF TRAFFIC**

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

- STANDARD NO. MD-104.00 - 104.00-30      STANDARD NO. MD-104.35 (LANE SHIFT)
- STANDARD NO. MD-104.31-01 (FLAGGING OPERATION)      STANDARD NO. MD-104.44-01 (LEFT LANE CLOSURE)
- STANDARD NO. MD-104.32-01 (INTERSECTION FLAGGING OPERATION)      STANDARD NO. MD-104.49-01 (SHOULDER WORK)
- STANDARD NO. MD-104.33-01 (SHOULDER WORK)

**PROJECT CONTACTS**

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. RICHARD LINDSAY  
DISTRICT ENGINEER  
PHONE: (301) 778-3061

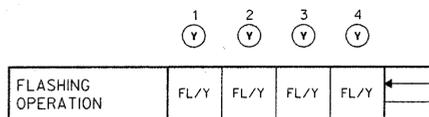
MR. BARRY CLOTHIER  
DISTRICT UTILITIES ENGINEER  
PHONE: (410) 778-301

MR. ROBERT KEIL  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (301) 778-3061

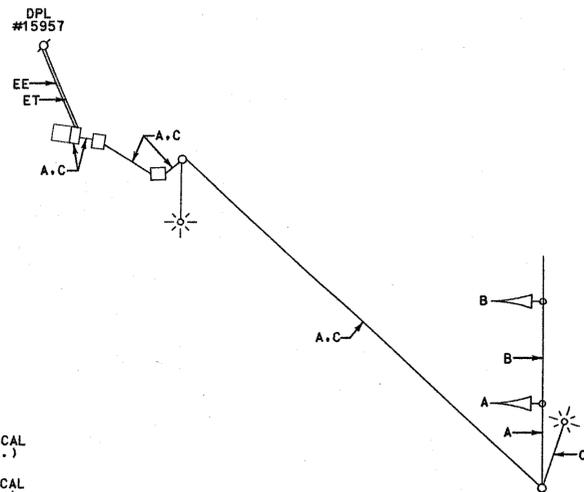
MR. RICHARD L. DAFF, SR.  
CHIEF, TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630

MR. TERRY WRIGHT  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (301) 778-3061

**PHASE CHART**



**WIRING DIAGRAM**



WIRING KEY

- A } 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- B } 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- C } 2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)
- EE - EXISTING UNDERGROUND ELECTRICAL SERVICE
- ET - EXISTING UNDERGROUND TELEPHONE SERVICE

TSP-2

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
*Office of Traffic & Safety*  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
GENERAL INFORMATION SHEET  
U.S. 301 AND MD 456

**WR&A**  
Whitman, Reardon  
and Associates, LLP  
2315 Saint Paul Street  
Baltimore, Maryland 21218  
(410) 235-3450

DRAWN BY: S.BLOSS	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY: NLEARY	S.H.A. NO.	TS-937C	
SCALE: NONE	COUNTY: QUEEN ANNES	T.I.M.S. NO.	2 OF
DATE: 2/18/00	LOG MILE:		